And I :33 -

- GCGGCCACAG CNAGATCTIN ATCACCTAGG GGGGCCCGAC GTCCTTAAGG CTGCCGGGGA CCTTCCCGAG ACCACCCCGA CTCGCGAGAC GGCGCCCCCG CGCCCGTGTC CCGCGGGGGC CCCCGGGCTG CAGGAATTCC GACGGCCCCT GGAAGGGCTC TGGTGGGGCT GAGCGCTCTG TAGTGGATCC GNTCTAGAAN
- CGCGACCCCC GTAGTCGATG GCCCCACCAG GCCCGACTTC TCGGTCCGTC GGTTCCGTCG GTGGGGCCCCC CCACCCGCTG CACCCGGGG CATCAGCTAC CGGGGTGGTC CGGGCTGAAG AGCCAGGCAG CCAAGGCAGC GCGCTGGGGG CAGGCGCACC GTCCGCGTGG GTCCTTCGTC 101
- GCTGCTGCTG MetGlyP roProHisSe rGlyProGly GlyValArgV alGlyAlaLe uLeuLeuLeu TGGGCCGGG GGCGTGCGAG TCGGGGCCCT CCGCACGCTC TTTGGGGGAG TTGGTGCCCC GCCCCCCAGG CCTTGGCGGG GTCATGGGGC CCCCCCATTC TGGGCCGGGG AAACCCCCTC AACCACGGGG CGGGGGTCC GGAACCGCCC CAGTACCCCG GGGGGGTAAG ACCCGGCCCC TTTGGGGGAG 201
- CTGTACCCTC GACATGGGAG ACCAATACAC TGGTTATGTG TCCGTCTCCC AGGCAGAGGG CTCGGCGAAT AAGAGGTTCC TTCTCCAAGG GAGCCGCTTA GGCTGGTGTC TGGGCTCAGC CTGGAGCCTG TCTACTGGAA GACCTCGGAC AGATGACCTT GlyValLeuG lyLeuValSe rGlyLeuSer CCGACCACAG ACCCGAGTCG GGGGTTTTGG CCCCAAAACC 301 0 ر

LeuGluProV alTyrTrpAs nSerAlaAsn LysArgPheG lnAlaGluGl

LeuTyrProGln

yGlyTyrVal

- gProProGly ProHisSerS erProAsnTy rGluPheTyr LysLeuTyrL euValGlyGly ACCATCCCCC CTCCTAATTA TGAGTTCTAC AAGCTGTACC TTCGACATGG ACTCAAGATG GAGGATTAAT CCTCACTCCT GGAGTGAGGA GCCTCCTGGC CGGAGGACCG pArgLeuAsp LeuLeuCysP roArgAlaAr 500055000 266000666 CCGGCTAGAC CTGCTCTGCC GGCCGATCTG GACGAGACGG TCTAGCCCCT IleGlyAs AGATCGGGGA 401 54
- ArgArgCysG luAlaProPr oAlaProAsn LeuLeuLeuT hrCysAspAr gProAspLeu AspLeuArgP heThrIleLy TCACCATCAA AGTGGTAGTT CTAGAGGCGA CTTGTGATCG CCCAGACCTG GATCTCCGCT GGGTCTGGAC GAACACTAGC TGCCCCAAAC CTCCTTCTCA GAGGAAGAGT ACGGGGTTTG TCCGTGGGGG CGGCGCTGTG AGGCACCCCC GCCGCGACAC AlaGlnGly TGCTCAGGGC ACGAGTCCCG 501 87
- GGCCTGGAG AGCCTGCAGG CGCTCGCACC ACGATTACTA CATCATTGCC ACATCGGATG GGACCCGGGA CCACGAGTTC ATCTCTGGGG TATAGCCCTA 601
- snLeuTrpGl yHisGluPhe ArgSerHisH isAspTyrTy rIleIleAla ThrSerAspG lyThrArgGl uGlyLeuGlu SerLeuGlnGly CCCGGACCTC CCTGGGCCCCT GTAGTAACGG TGTAGCCTAC TGCTAATGAT GCGAGCGTGG GGTGCTCAAG TAGAGACCCC ATATCGGGAT TyrSerProA 120
- GlyValCy sLeuThrArg GlyMetLysV alLeuLeuAr gValGlyGln SerProArgG lyGlyAlaVa lProArgLys ProValSerG luMetProMet AAATGCCCAT CCTAACCAGA GGCATGAAGG TGCTTCTCCG AGTGGGACAA AGTCCCCGAG GAGGGGCTGT CCCCCGAAAA CCTGTGTCTG GGACACAGAC GGGGCTTTT CTCCCCGACA TCAGGGGCTC ACGAAGAGC TCACCCTGTT CCGTACTTCC GGATTGGTCT GAGGTGTGTG CTCCACACAC 701 154
- GGGCCCCACG ACTTCCGGGG erArgGlyAl aGluGlyPro GGAAAGAGAC CGAGGGCAG CCCACAGCCT GGAGCCTGGG AAGGAGAACC TGCCAGGTGA CCCCACCAGC AATGCAACCT CCCGGGGTGC TGAAGGCCCC TTACGTTGGA Gluargasp argglyalaa laHisSerLe uGluProGly LysGluasnL euProGlyas pProThrSer AsnalaThrS GGGGTGGTCG ACGGTCCACT CCTCGGACCC TTCCTCTTGG GGGTGTCGGA GCTCCCCGTC 187
- ACAACCGCCT GGGTGCCATG CCCACGGTAC GCTGCTCTTG CTGGGCGTGG CAGGGGCTGG GTCCCCGACC GACCCGCACC LeuProProP roSerMetPr oAlaValAla GlyAlaAlaG lyGlyLeuAl aLeuLeuLeu LeuGlyValA CGACGAGAAC CTGCCCCCTC CCAGCATGCC TGCAGTGGCT GGGGCAGCAG GGGGGCTGGC CCCCGACCG CCCCGTCGTC GGTCGTACGG ACGTCACCGA GACGGGGGAG 901
- GGAGGTGGGA TGGGACCTCG ACCCTGGAGC CCTCCACCCT GGGAGGGAG GGTCTCTGGG CCTGGGGGGT CCAGAGGCC GGACCCCCCA ArgArgAl aLysProSer GluSerArgH isProGlyPr oGlySerPhe GlyArgGlyG CCCTCCCTC GAGAGTCGCC ACCCTGGTCC TGGCTCCTTC ACCGAGGAAG TGGGACCAGG CTCTCAGCGG GACGGCGGC CAAGCCTTCG GTTCGGAAGC CTGCCGCCCG 1001

254

CysTrpArgArg

yGlyAlaMet

laGlyAlaGl

lySerLeuGl yLeuGlyGly GlyGlyGlyM etGlyProArg

CTTCTGCCCC CACTATGAGA AGGTGAGTGG TGACTATGGG Glualaglu ProglygluL euglyIleal aLeuarggly Glyglyalaa laaspProPr oPheCysPro HisTyrGluL ysValSerGl yAspTyrGly CCGCCCCGAC GTCTAGGGGG GAAGACGGGG GTGATACTCT TAGGGATAGC TCTGCGGGGT GGCGGGGCTG CAGATCCCCC AGACGCCCCA ATCCCTATCG GGAGGCTGAG CCTGGGGAGC CCTCCGACTC GGACCCCTCG 1101

2 14

FIGURE 1B

| 1201 CATCCTGTGT ATATCGTGCA GGATGGGCCC CCCCAGAGCC CTCCAAACAT CTACTACACA TCGATTTCTG TGTTGGAGTG GCCCATATTG CATACGATAC | GTAGGACACA TATAGCACGT CCTACCCGGG GGGGTCTCGG GAGGTTTGTA GATGATGTGT AGCTAAAGAC ACAACCTCAC CGGGTATAAC GTATGCTATG | ProGlnSerP roProAsnIl eTyrTyrThr SerIleSerV alLeuGluTr pProIleLeu HisThrIleGln |
|--|---|--|
| TCGATTTCT | AGCTAAAGA | SerlleSer |
| CTACTACACA | GATGATGTGT | eTyrTyrThr |
| CTCCAAACAT | GAGGTTTGTA | roProAsnIl |
| CCCCAGAGCC | GGGGTCTCGG | ProGlnSerP |
| GGATGGGCCC | CCTACCCGGG | nAspGlyPro |
| ATATCGTGCA | TATAGCACGT | yrIleValGl |
| CATCCTGTGT | GTAGGACACA | 320 HisProValT yrIleValG1 nAspGlyPro Pr |
| 1201 | | 320 |

- LeuPhePh eMetArgSer LysCysSerA rgValThrTh rPheLeuPhe ProValGlnV allleThrTh rSerThrCys ArgMetThrS erPheSerPhe GTAAATCGAA CATTTAGCTT GCCTACTGAA CGGATGACTT ATCGACTTGC TAGCTGAACG TTATTACGAC GGACACGTTC AATAATGCTG CCTGTGCAAG GTGTCACTAC ATTCTTATTT TAAGAATAAA CACAGTGATG 1301 AACTGTTTT CATGCGATCC AAGTGCTCCC TTCACGAGGG GTACGCTAGG **LTGACAAAAA**
- TACGGCTCTG TGGGGGACA GGATCCTGGG CAGAGCACAG ATGGGGGAAT TCCGAATCAG ATGGTGTTTC GTCTCGTGTC TACCCCCTTA AGGCTTAGTC TACCACAAAG TGCAGGCCTG AACCCATCCA TACCACCCTG ATGGTGGGAC 1401
 - ATGGTGGGAC TTGGGTAGGT ACGTCCGGAC GTCTCGTGTC TACCCCCTTA AGGCTTAGTC TACCACAAAG ACCCCCTGT CCTAGGACCC ATGCCGAGAC ThrThrLeu AsnProSerM etGlnAlaCy sArgAlaGln MetGlyGluP heArgIleAr gTrpCysPhe TrpGlyAspA rgIleLeuGl yThrAlaLeu 387
- GlyGlnHisGly CCGGTCGTAC GGCCAGCATG uAlaGluAla GGCGGAAGCC CCGCCTTCGG CGGCAACGGG CCAGTGTGGA etHisGlnTh rThrLeuLeu ArgGlnArgA laSerValGl GGTCACACCT GCCGTTGCCC TGCATCAGAC GACACTGCTC CTGTGACGAG ACGTAGTCTG AGGCTGAATA TCCGACTTAT alLeuIleLe uLeuLeuGly ArgLeuAsnM TCTTCTTGGG AGAAGAACCC TGCTTATTCT ACGAATAAGA 420 PheValLeuV TTTGTGCTTG AAACACGAAC 01
- ATCAATCATC TAGTTAGTAG AACCAGGCAG TTGGTCCGTC GAGGCTGCTG TTATCATGGG AATAGTACCC CTCCGACGAC GGCTTCTCAA TGAGAGAGCG ACTCTCTCGC CCGAAGAGTT GAGAATAGGG CTCTTATCCC AAGAGCTACT TTCTCGATGA TATCCTAACT ATAGGATTGA GTCCCCTGTG CAGGGGACAC ProLeu 1601 454
- CCTGGCAGGT CAGGCAGGAA GTTACTTAGC TTCTCCTTCA CCTTCTTCCC ACAGAATTTA TTATAGGCTT GTTCCAAGTT GTAGTGTGTG ATCAGATTCG GGACCGTCCA GTCCGTCCTT CAATGAATCG AAGAGGAAGT GGAAGAAGGG TGTCTTAAAT AATATCCGAA CAAGGTTCAA CATCACACAC TAGTCTAAGC CCTGGCAGGT 1701
- ACGACGGACA GTCGAGACAC GATGGACCGT CAAGGGGAGT ACCTTAAGCT ATAGTTCGAA TAGCTATGGC AGCTGGA TCGACCT ATCGATACCG TATCAAGCTT TGGAATTCGA CAGCTCTGTG CTACCTGGCA GTTCCCCTCA TGCTGCCTGT 1801

ļui 4 14

FIGURE 2A

| | らいらららいというと | MAKKESIAK GITKITITAAG CIGEOGGGGA CETIKKEGAG ACEANECEGA TIKKEGAGAG GGKGEREGEG KGREKITGIE |
|---|---|---|
| | ל ניזיקים וליוילים ל | 9000000009 |
| TO CHECK TO A C | 270100000 | CTCCCGAGAC |
| | TOOPPOTOO! | ACCACCCGA |
| |) Toppour | CCTTCCCGAG |
| | 1 | CICCCCCCCC |
| CAGCAATTO | | GTCCTTTAGG |
| 04.09990000 | 11.000000000000000000000000000000000000 | CACCCCAC |
| TAGTCCATCC | COA CHILLY CAN | מוז רעור ר דעויני |
| I GNICIAGAAN TAGTEGATEC (YCCCEGECTE CAGGAATTEC GAGGAATTEC GAAGGETE GGAAGGETE ACCAGAGAGA GAGGAGAGA GAGGAGAGA GAGGAGAGAGA | COCCOCCO COMMICACINA MERICIPACIONAL | NT FOTTOMA |
| | | |

- 101 CAGGAAGCAG CICCCCCIGG GCGCIGGGGG CAICAGCIAC CGGGGIGGIG CGGGCIGAAG AGGAAGGAG CCAAAGGAAGC CAGGUUGGG GOIGGGGGG GICCIICCIC CAGGGGAGC CGGGACCCCC GIAGHCGAIG GCCCCACCAG GCCCCACITC ICGGICCCIC GGITCCGICG GIGGGGCCC CCAGGGGGGTA
- SCHGCTGCTG MetGlyP robroffisSe rClyProGly GLyValArgV alGlyAlaLe uLeuLeuLeu TCGGGGCCCT AGCCCCGGGA CCCTCCCAG CCGCACGCTC THEGICCCC GOCCCCAGG CCTTGGCGG GTCATGGGGC CCCCCCATTC TGGGCCGGGGAACCAGGG GGGGGGTCC GGAACCGCCC CATTACCCCC GGGGGGTAAG ACCCGCCCC 201 TFFGGGGGAC MAACCCCCCTC
- CTGTACCCTC TGGTTATGTG ACCARTACAC AGGCACACAC recerence lnAlaGluG1 Glyvallæud 1910euvalse rGlyLeuSer LeuGluProv alTyrtrpAs nScrAlaAsn LysArgPhcG 301 GGGGTTTTGG GGCTGGTGTC TGGGCTCAGC CTGGAGCCTG TCTACTGGAA CTCGGCGAAT AAGAGGTTCC COCCHANACO CONACACACA ACCCCACTOS GACCTOSAN AGAIGACT GAGCCOCTTA TTCTCCAAGG

YGlyTyrVal LeuTyrProGkn

- TPCGACATCG ACCARCCCCC TOCHARGOOD AAGCTGTACU TGACITICTAC ACTICAAGATG AGATUGUGGA TCTAGCCCCT **£**01
- Tleglyds pargionasp Leufeucysp roargalaar gPropredly ProHisSers erProAsnTy rglupheTyr LyslenTytl, euValGlyGly GITTCCAGGAG TCACCATCAA AGGCACCCCC TGCCCCAAAC CTCCTTCTCA CITGIGAITCG CCCAGAICTG GAITCTCCGCT COGCCCTGTG A TGCTCAGGGC 503
 - CANGGITCCTC sPheGlnGlu AGTGGTAG111 gProaspreu AspLeuargp herhrilaly GAGGAAGACT GAACACTAGC GGGTCTYGGAC CTAGAGGCGA Alacinciy ArgargCysc luAlaProPr OAlaProAsn LeuLeuLeuT hrCysAspAr receredese Aresestrie ACGAGINCUCC 8
- Tyrserpron snieufrpsi ynisgluphe Argsernish isaspTyrTy rIlcilcala ThiscraspG lyThrArgGJ uGlyLcuGLu SerbeuGlnGly TCGGACGICC ATUTUTEGGG CCACGAGITIC CGCTCGCACC AUGATITACITA CATICATINGCE ACATUGGAINS GGACUCGGGA GGGCCTGGAG CCCGGACCIFC TCTACCCTAC CCTGGGCCCT TGCTPAATGAT GTAGTAACGG GCGAGCGrGG GGTGCTCAAG TRUAGACCCC TATAGGGGTA ATATUGGGGAT
- AAATGCCCAT CCTGTGTCTV; GGACACAGAC CCTAACCAGA GGCATGAAGG TGCTTCTCCG AGTGGGACAA AGTCCCCGAAG GAGGGGCTGT CCCCCGAAAA GGGGGCTTTT TCACUCTIONT TICAGGGGTC CHCCCCGACA sLeuThrArg GlyMetLysv alleufeuAr gvalGlyGlm SerProArg6 lyGlyAlaVa ACGNAGAGGC CCGTACTTCC GGATTGGTCT GAGGTGTGTG CTCCACACAC Gl yva 1Cy 701

IProArglys ProValSerG luMetProMet

- ACTIPOSTOCION CARGGGGCAG CCCACAGACUM GGAGUCMGG AAGGAGAAACC TGCCAGCTGA CCCCACCAGC AATGCAACCT CCGGGGTGC GCTCCCCUMC GGGTGWCGAACCT CCGGGGGTGC ACGGWCCACCT GGAGWCGWCG TTACCTTGGA GGGCCCCACG 801 GCAAAGACAC CCTTTCTCTG
- Gluargasp aryglyalaa lahisselbe ugluprogly Lysgluasni cuproclyas pprothiser asnalathis craxgglyal acluclypro 187
- aLeuLeuLeu LeuGlyValA laGlyAlaGl yGlyALaMet. CysTrpArgArg CCAGCATGCC TGCAGTGGCT GGGGCAGCAG GGGGCTGGC GCTGCTTG CTGGGGGTGG CAGGGGCTGG GGGTGCCAFG FGTTGGCGGA CUCACGGIAC GTCCCCCACC CCCCGTCGTC CCCCGACCG CGACGAGAAC GACCCGCACC LYGLYLeuAl 220 Leuproprop rosermethr calavalata GlyalaataC GACCOCCICAC COTCGTACGG ACGTCACCCA いいいいいいいいい
- ArgArgAl aLysProSer GluSerArgH isProGlyPr oGlySerPhc ClyArgClyG lySerLeuCl yLeuGlyGly ClyGlyGlyM etclyProArg GGAGGTGGGA TGGGACCTCG ACCCTGGACC GGACCCCCCA CCTCCACCCT CCTGGGGGGT TOGGACCAGG ACCARCANG COCTOCCCTO CCAGAGACCC CTCTCAGCGG GTTCGCAAGC CICCCCCCC

hi The House will THE PART OF THE PA 1

- CITCIGCCCC CACIAIGAGA AGGIGAGIGG IGACIANGGG Glualaciu Prodiyciub cuciyileal abeuargciy Glyciyalaa laasppropr ophecyspro Histyxsiub ysvalserdi GIIGATIACTCT GAAGACGGGG GGCGGCCTG CAGATICCCCC CCGCCCGAC GTCTAGGGGG GGAGGCTGAG CCTGGGGAGC TAGGGATAGC TCTGCGGGGT AGACGCCCCA GGACCCCTCG ATCCCTATCG CCTCCGACTC 1101 287
- GTATGAGGG TCCTCACG TGCCTATCCT CATACTCCCG AGGAGAGTGC ACCGATAGGA YrlleValGl nAspGlyPro ProGlnSerP roProAsnIl eTyrTyrLys ValOP* CCCCAGACCC CTCCAAACAT CTACTACAAG GATESTECTTC GAGGTTTGTA GGGGTCTCGG GGATGGGCCC (CCTACCCGGG (ATATCGTGCA TATAGCACGE CATCCTGTGT GT'AGGACACA HisProValT 1203
- CTICTICGG IGCTCCICCA GITTAATTGC IGGITIGAGG GACACCTCIA ACAICICGGC CCCCIGIGCC CCCCAGCCC CITCACTCCI CCCGGGIGCT GAAGAACCCC ACGAGGAGGI CAAATTAAGG ACCAAACTCC CTGIGGAGAT IGIAGAGCCG GGGGACACGG GGGGGTCGGG GAAGIGAGGA GGGCCGACGA CTTCTICGCC 1301
 - GICTCCCTGG GGTGAAAATC CTAAGGAATC CTAAGGGTGA CGGGGTGAAG GACGGGAGGG CAAACCGGTA CCCACGGGGG GAGACAGAGT CACAGGGACC CTCTGTCTCA GATICCITAG GATICCCACT GCCCCACTIC CIGCCCTCCC GITTGGCCCAT GGGGCCCCC CCACITTAG CAGGAGCAGA CTCCTCGTCT 1401
 - CICACCCACC CAGAGCIAGG GTCTCGATCC GAGTGGGTGG CTTGGGGAGG GGCACAGGCT CAGCCTCCTC TCTGACCATG ACCCAGGCAT CCTTGTCCCC GAACCCCTCC CCGTGTCCGA GTCGGAGGG AGACTGGTAC TGGGTCCGTA GGAACAGGG ATCCTTTTTC TAGGAAAAAG 1501
- GCGGAAGAAA GACGGAGAT GACCAAAAGA GAAGAGATAG AGAATAAGAA AGGGAGAGAA GGCAGAGATC CAGACAAGAA TCCCTCTT CCGTCTCTAG TCTTATTCTT CTTCTCTATC TEGETSCCAC CCCCTTCTTT CTGCCTCTCA CTGGTTTTCT ACCAACCGIG GCCCACCITY CGGGTGGAAA 1601
 - GTAAACAGGG CAPTRUTCCC AACCGAAGAA TAGGACACGG AGAGGGTAGA GGACCCACCC CCCTAGTTTC GGCATCAAAG CCTGGGTGGG TCTCCCATCT TIGGCTICIT AUCCUGIGCC CTTCCCTAGG AUCCTCCTCC CCACATCTCC TTTCACCCTC CTTCCCTAGC 1701
- ATACCACITE CGAGACTIGTG AGGTGGGGTC TATGGGGAAG GCTCTGACAC ATGGGGGCCCT TACCCCCGGA CTCCCCTCAG TCTGCCAAAA GAAICGAAAG TCGGGGGAN GACTGGAGAG INIGGIIIGGII CAGGGAGTC AGACGGIITIT CIGACCTCTC ATACCAACCA AGCCCCCCTT CITAGUITTC 1801
- AGCTACCATG CTCAGGCCAT 1901
- CT"TGGGACCG GAACCCTGGC TCTTCTTCAC AGGGCAAAAC AGGTCACCGG TTATCTTGTCC AGCCCTGTAC ATACTGAAC CAGACTACGA CTTACCCGGT GAATCCCCCA TECEGITITE TECACTEGES ANTAGENAGA TATGAACEGS TEGEGACATE TATGGACTIG GTETGALGET AGAAGAAG1'G 2001
- CTTCATCCAG GAAGTAGGTC TUTITACCEC ACCCLICATE GIGINGGEA CGICGICCIT GACCTICACE CTGGAAGTGC GUICCAGACA AGAGGIGACO AGGCCCGGAC AGAAAIGGCC IGGGAGGIAG CAGAAGCAGI GCAGCAGAA CTTCACTGAA CGAGGICTGT TCTCCACTGG TCCGGGCCTG GAACTCACTT 2101
- TECTECRECE TECACCITACE AAGAATAAGA CTGGGGGATC AGGAGGTGGG AGGTGGATGG GACCCCCTAG CCTTCAGGTT CACCGAATCA GGAACTCCAA GTGGCTTAGT CTGTCCTTCA TCGTGAAGAC TTTGTCCTTC ACCACACAA AGCACTTCTG AAACAGGAAG TGGYCTGGCT GACAGGAAGT 2201
- CACCICIICI ICCCGCCCTT CTTGAAGGAA AGTCCTTT CGACCIIGAA IGACIGACAI ICICCAAICI CCACCIGGCI GAACTICCTT TCAGGAGAA CCIGGAACIT ACIGACTCTA AGAGGITAGA GGIGGACCCA AGGGCGGGNA GTGGAGAAGA 2301

AL-2b.L 2149 TGGTGACTATG CATCCTGTGTATATCGTGC4GG4TGG4 UCCCCCAGA AL-2b.L 123 GCCCTCCAAACATCTACTACACATCGATTTCTGTGTAGTGGAGTGGCCCATA AL-2D.L ISSETA CATTOTTATTTCCTGTGCAGTTATTACGACATCGACTTGCCGGATGA AL-2b.L Ass GGGTACGGC~C~GTTTG~GCTTGTGCTTATTCT~CTTCTTGGGAGCCTGA NL-2D.L 1533 ATATGCATCAGACGACACTGCTGCGGCAACGGGCCAGTGTGGAGGCGGAA AL-2D.L LEEB GCCGGCCAGCFTGGTCCCCTGTGATAGGATTGAAAGAGCTACTGAGALTA AL-2b.L 1693 GSGGGCTTCTCAATGAGAGAGCGCAGSCTGCTGTTATCATGGGAACCAGS AL-2b.L 1685 CAGATCAATCATCCCTGGCAGGTCAGGCAGGAAGGTTACTTAGCTTCTCCT AL-2b.L 1788 GTGATCAGATTCG~GC~GCCTGTCAGCTCTGTGCTACC~GGCAGTTCCCC E : AL-2D.D JESE TO A TEGRATIC GATAY CAAGCTTATC GATACCT N

FIGURE 3B

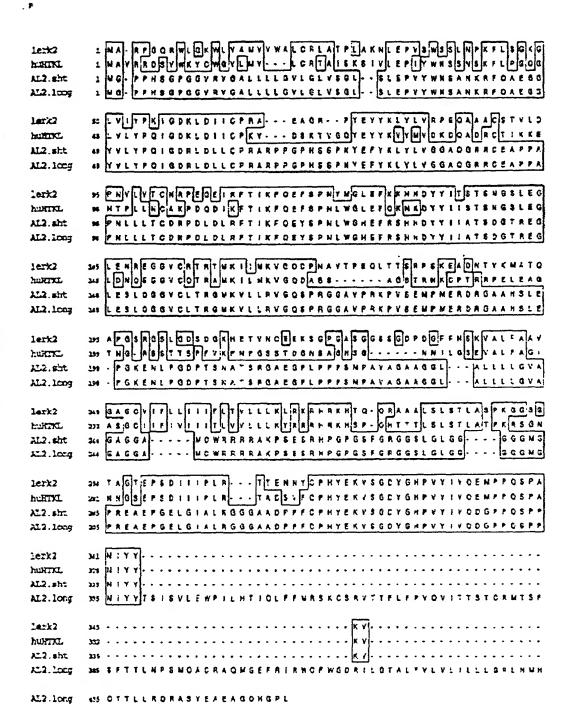


FIGURE 4

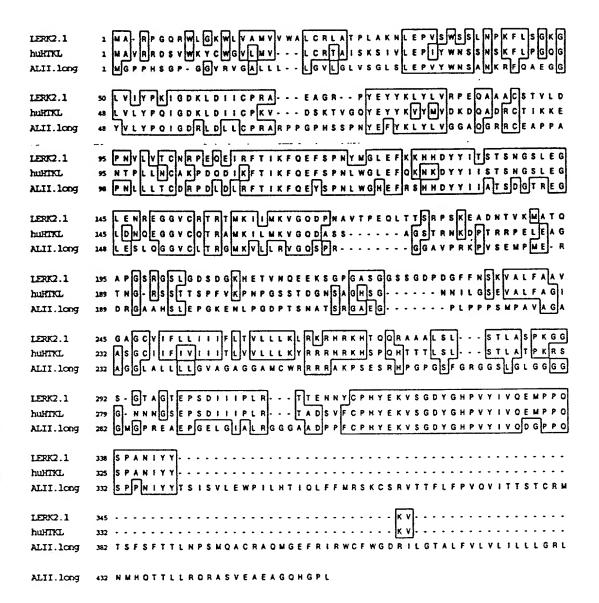


FIGURE 5